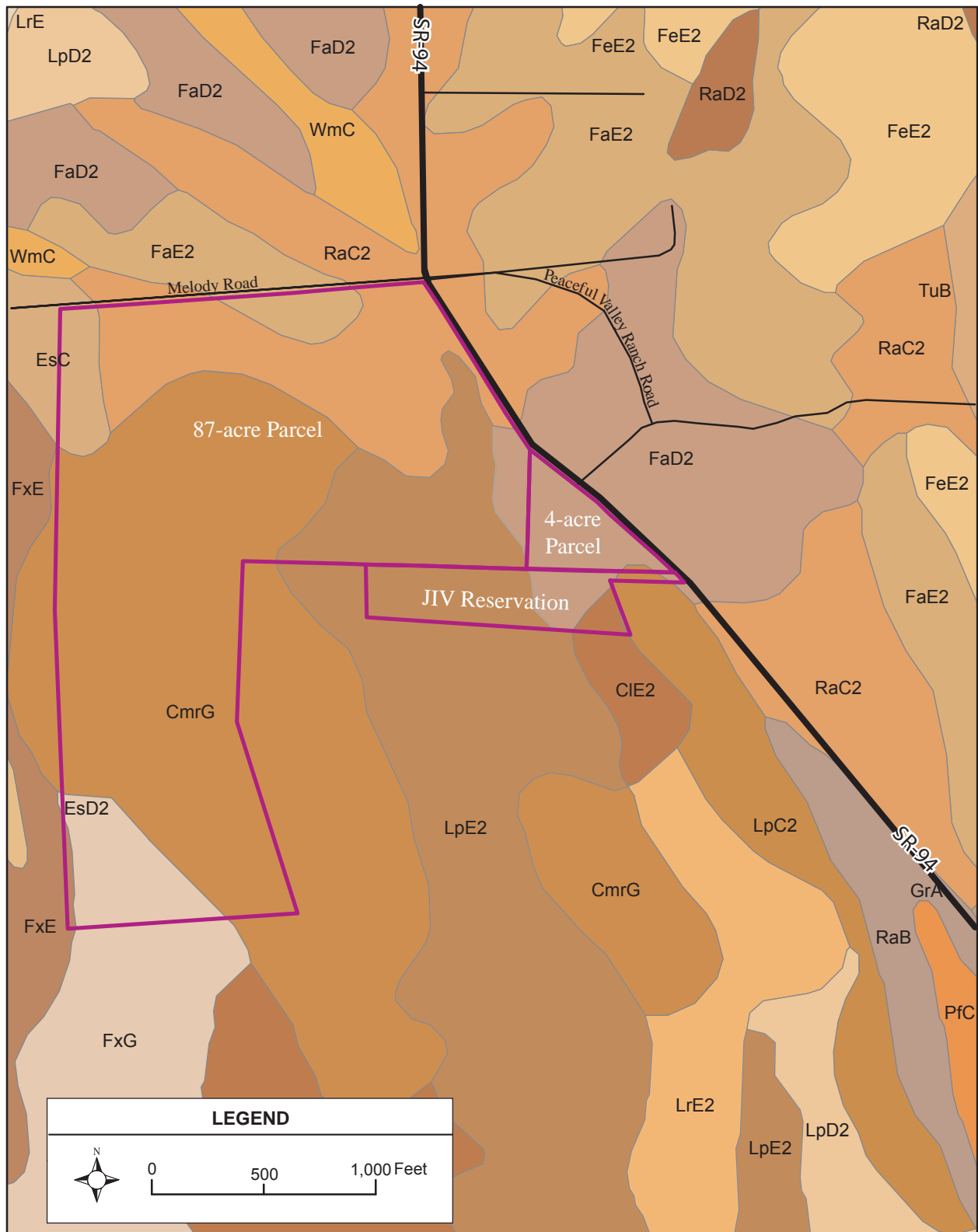


SOURCE: Natural Investigations Co., 2012; EDS, 2016

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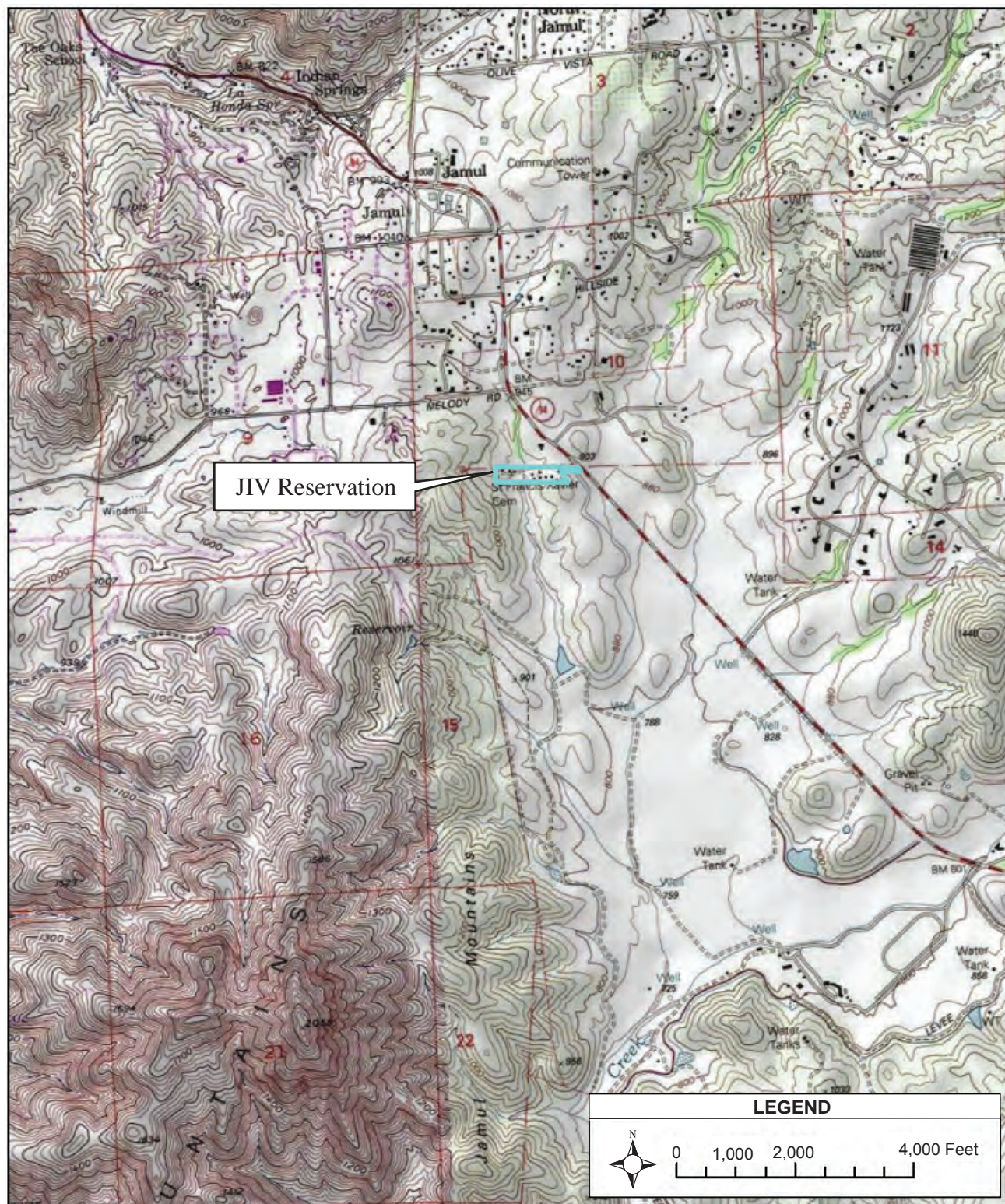
**Figure 4-1**  
Geology in Vicinity



SOURCE: Natural Investigations Co. 2015; EDS 2016

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**Figure 4-2**  
 Mapped Soil Units



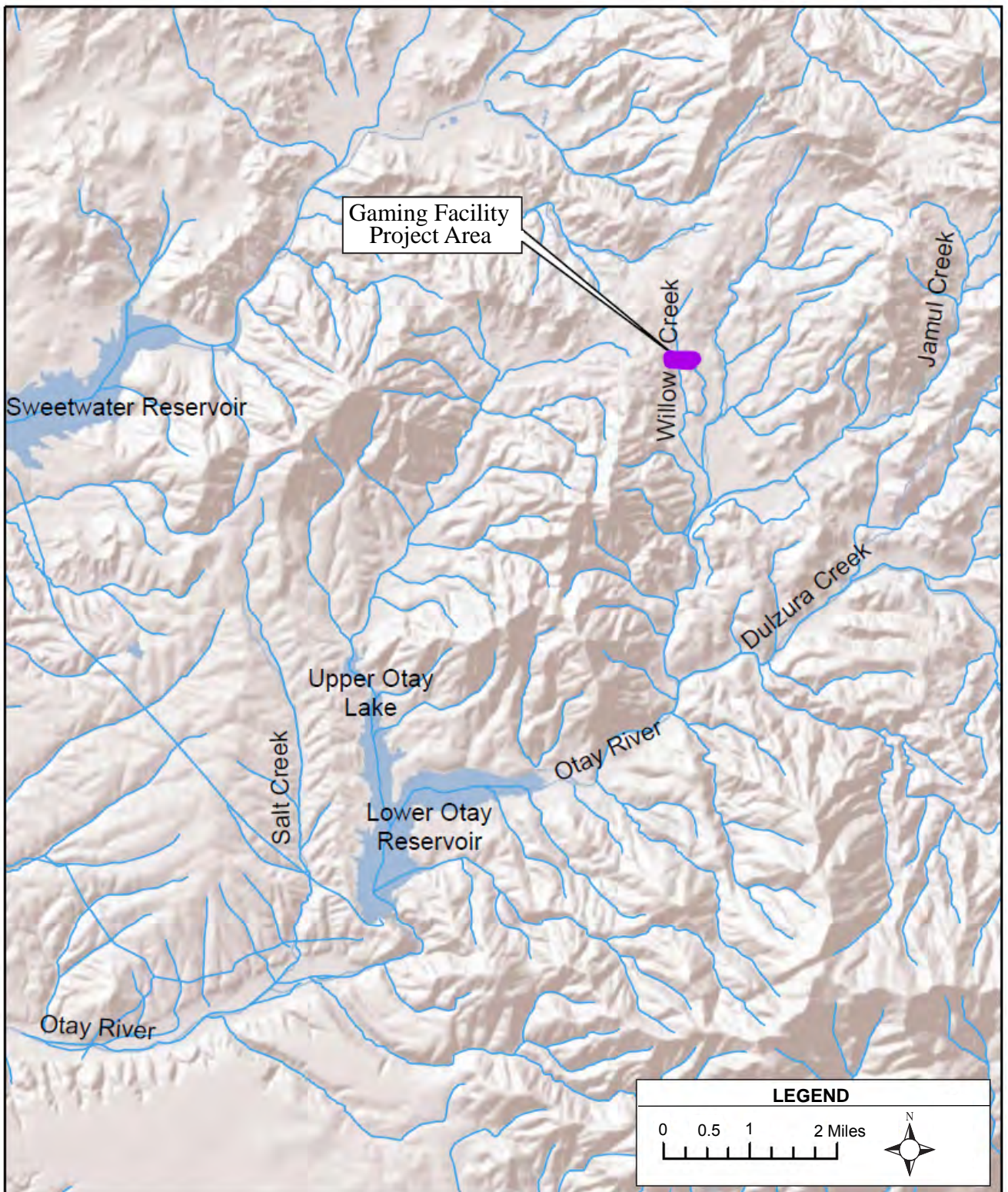


SOURCE: "Jamul MTS, CA" & "Dulzura, CA" USGS 7.5 Minute Topographic Quadrangles; Section 10, T17S, R1E, San Bernardino Baseline & Meridian; EDS, 2016

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**Figure 4-3**  
Local Topography



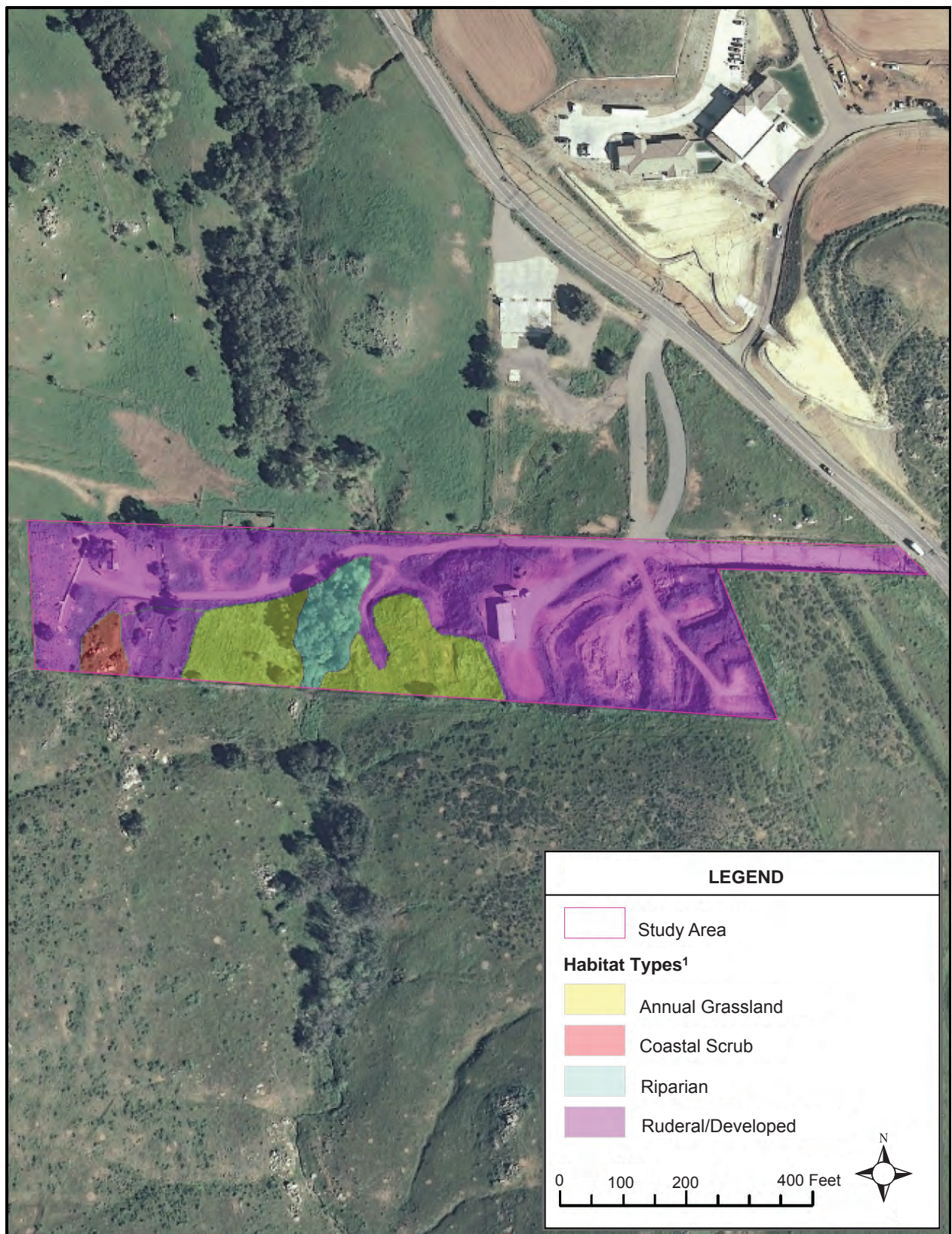


SOURCE: Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-4**  
Local Water Features





<sup>1</sup>Habitat Types existed prior to Gaming/Facility construction. Current development on the Reservation has eliminated all habitat types except for the riparian habitat, which remains.

SOURCE: Digital Globe, 2012; Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-5**  
Former Vegetation Community/Habitat Types  
within the Study Area





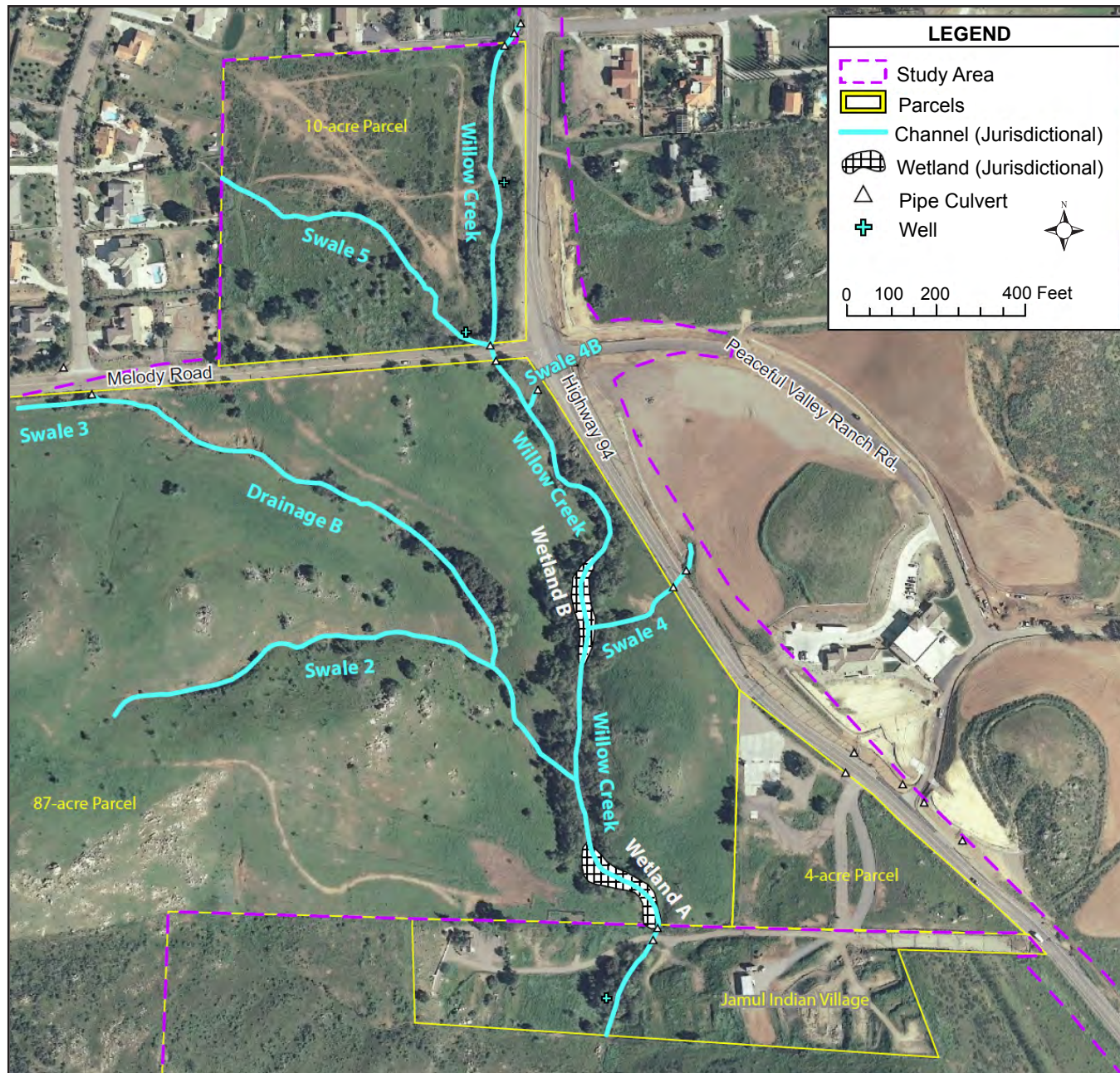
<sup>1/</sup> Habitat Types existed prior to Gaming/Facility construction. Current development on the Reservation has eliminated all habitat types.

SOURCE: Digital Globe, 2012; Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-6**  
Vegetation Community/Habitat Types  
in the Vicinity of the Study Area





Note: Figure shows pre Gaming/Facility conditions of Reservation. Current construction of Gaming/Facility has altered appearance of Reservation

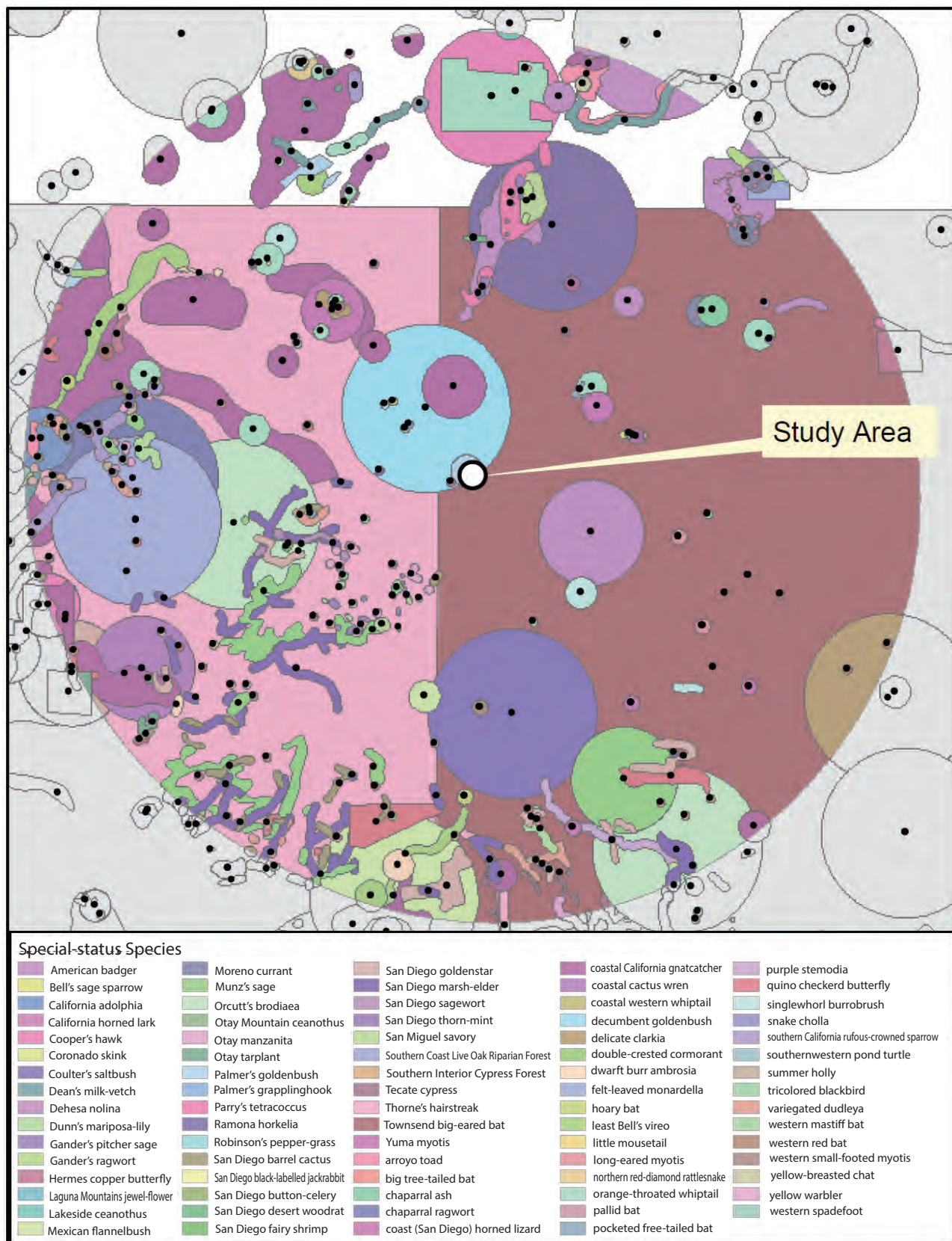
SOURCE: Digital Globe, 2012, Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-7**

Jurisdictional Water Features within the Study Area (JIV) and Adjacent Parcels

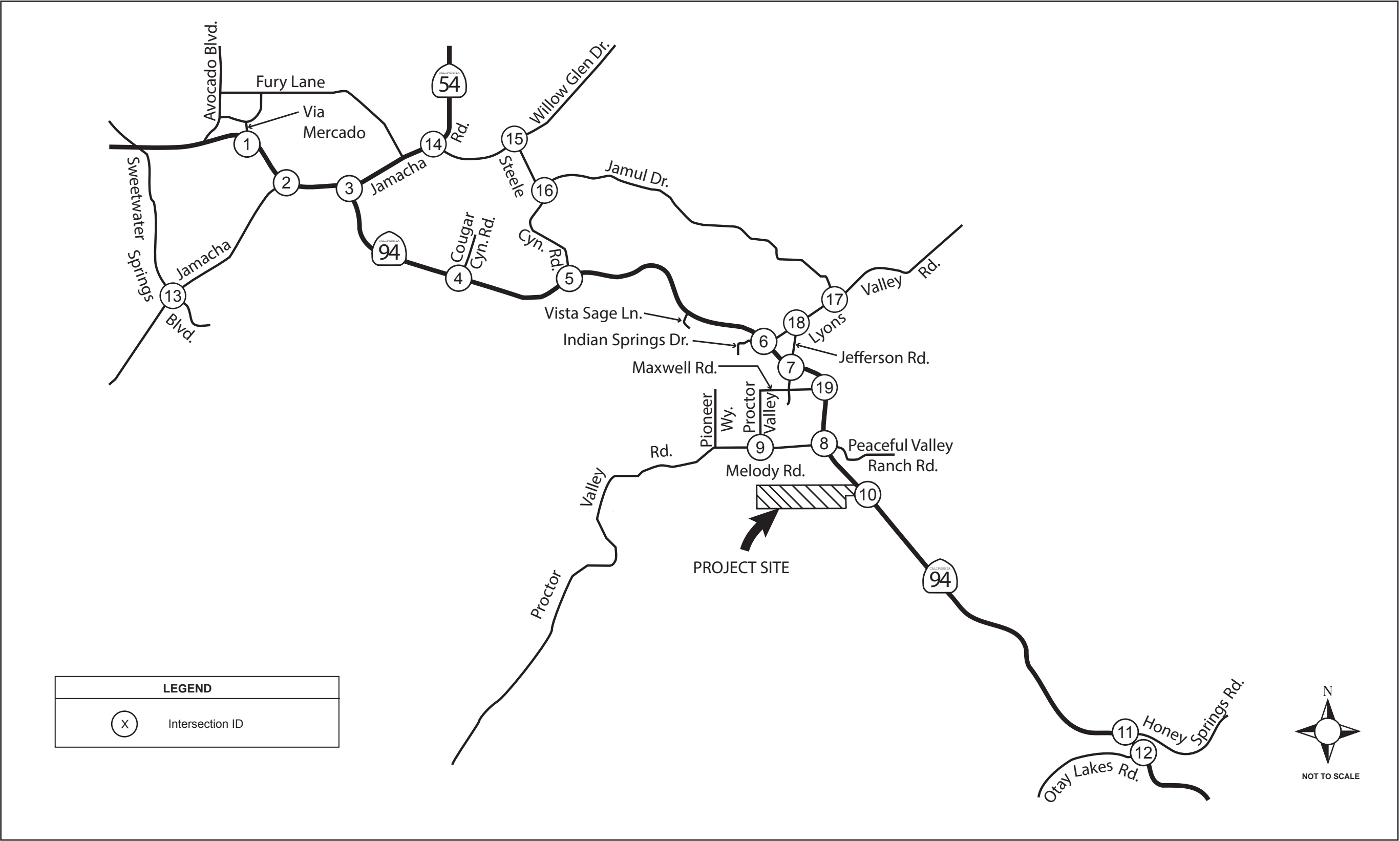




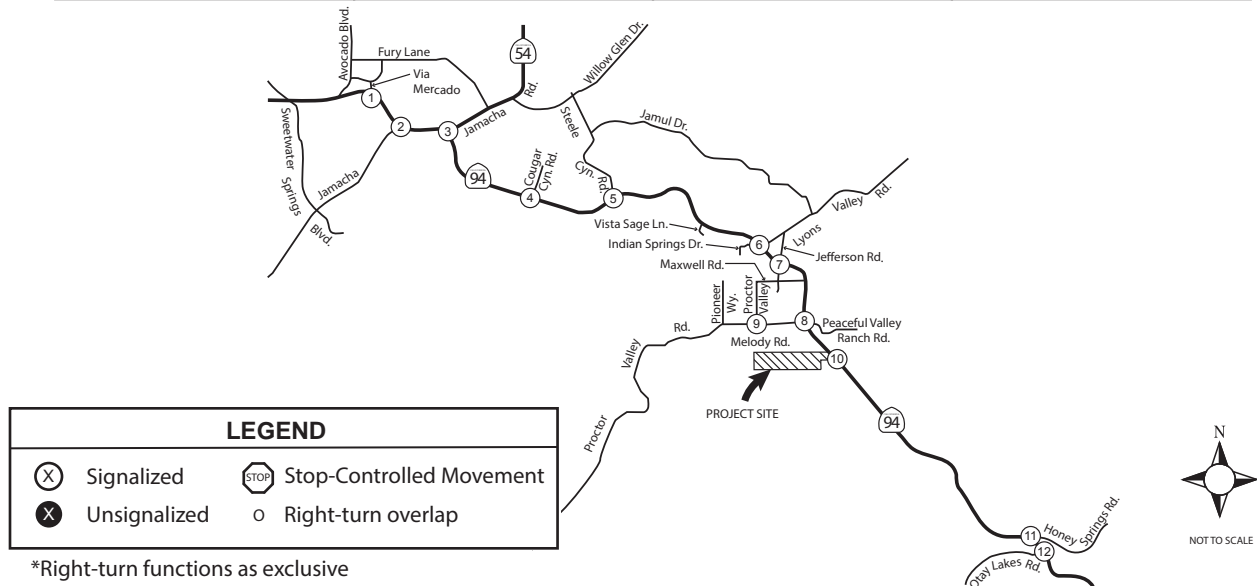
SOURCE: EDR, 2011; Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-8**  
 Special Status Species Record



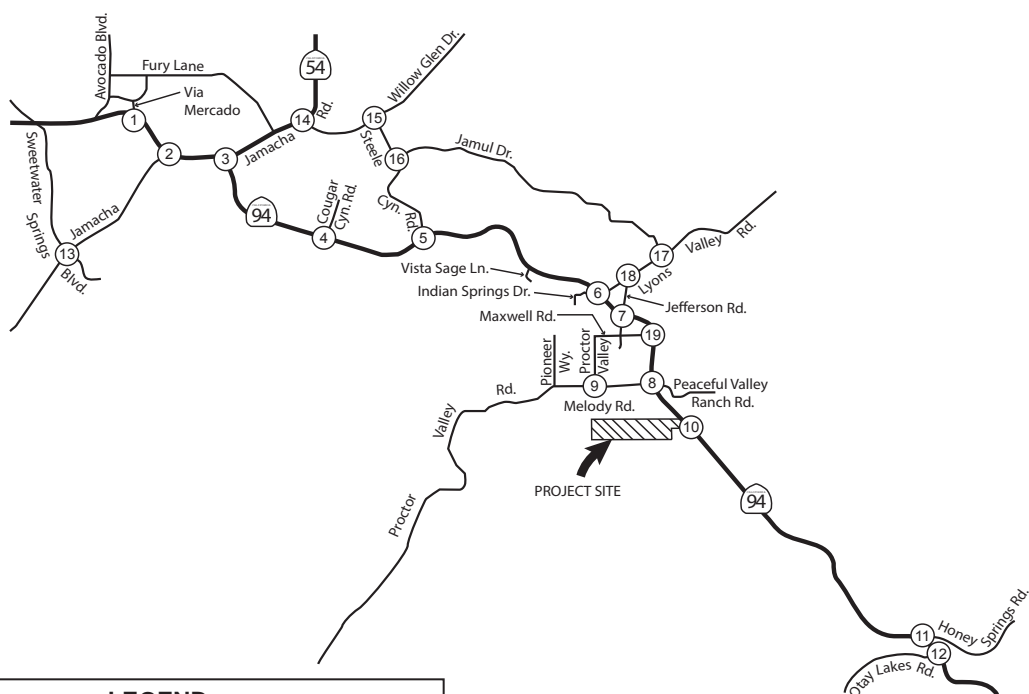


SR 94/ Via Mercado	SR 94/ Jamacha Blvd.	SR 94/ Jamacha Rd.	SR 94/ Cougar Canyon Rd.
SR 94/ Steele Canyon Rd.	SR 94/ Lyons Valley Rd.	SR 94/ Jefferson Rd.	SR 94/ Melody Rd.
Proctor Valley Rd./ Melody Rd.	SR 94/ Reservation Rd.	SR 94/ Honey Springs Rd.	SR 94/ Otay Lakes Rd.



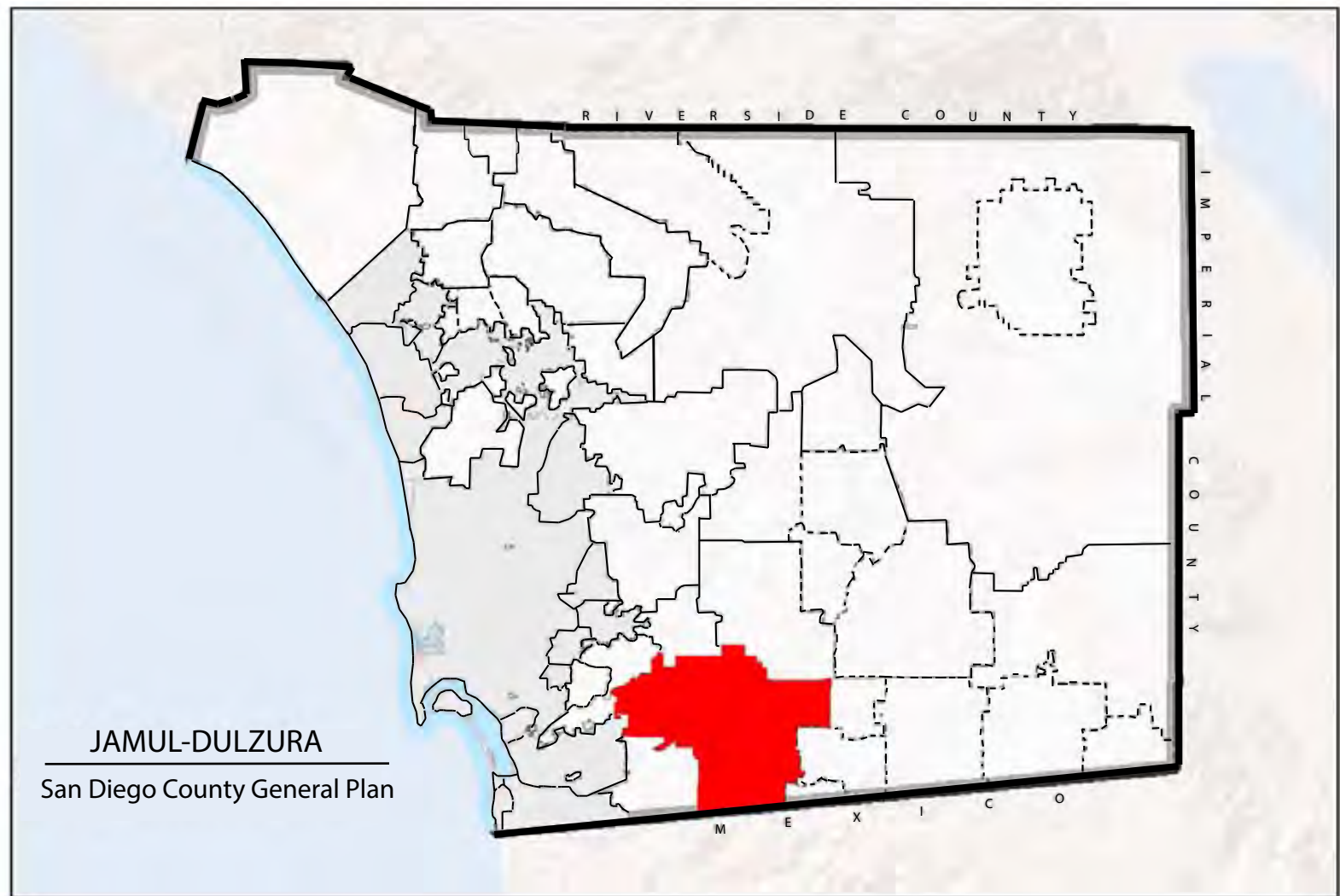


Jamacha Blvd./ Sweetwater Springs	Willow Glen Dr./ Jamacha Rd.	Steele Canyon Rd./ Willow Glen Dr.	Steele Canyon Rd./ Jamul Dr.
Jamul Dr./ Lyons Valley Rd.	Jefferson Rd./ Lyons Valley Rd.	SR 94/ Maxfield Rd.	



LEGEND			
	Signalized		Stop-Controlled Movement
	Unsignalized		Right-turn overlap





SOURCE: County of San Diego, 2012; EDS, 2016

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**Figure 4-11**  
Jamul/Dulzura Subregional Plan Map

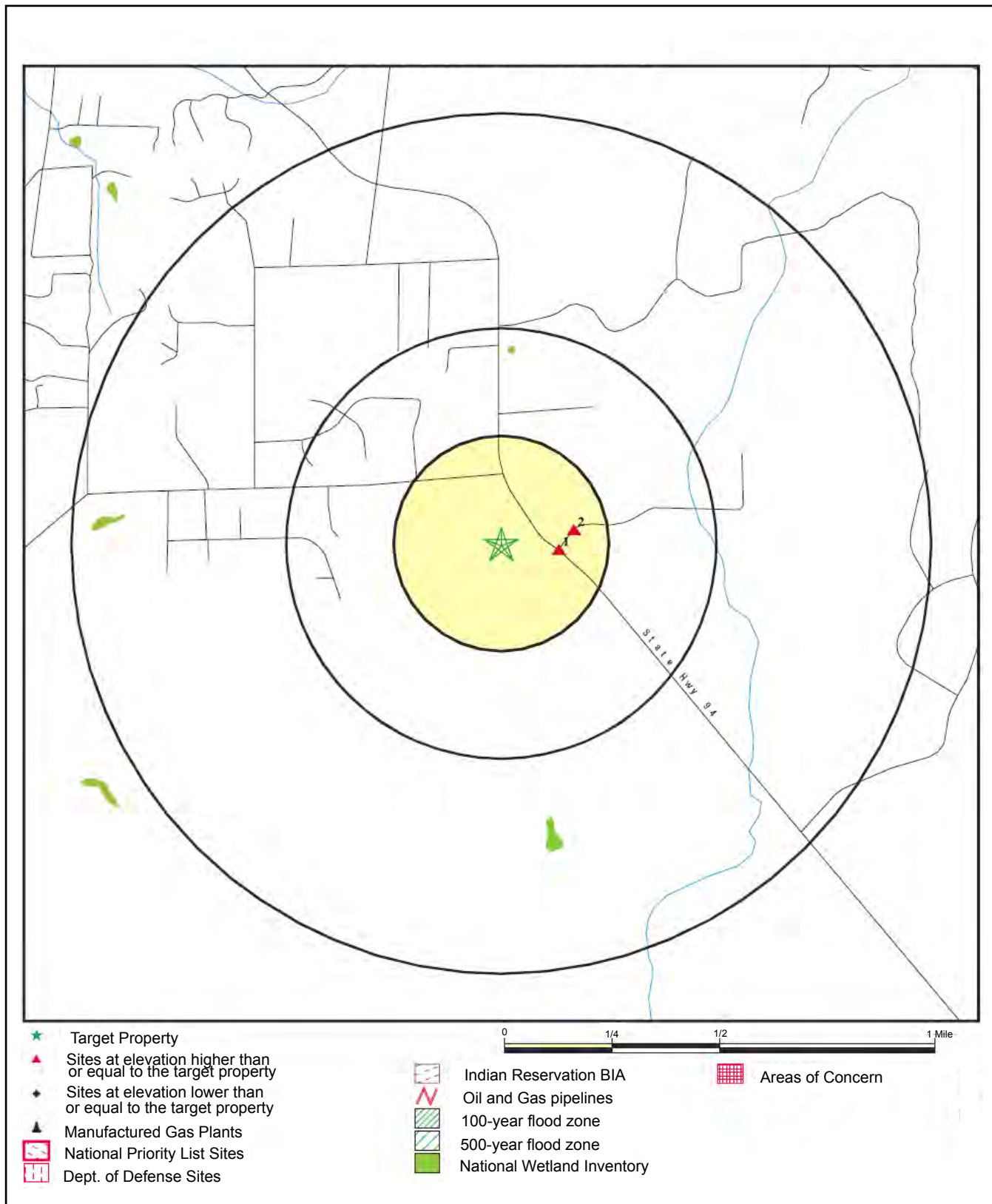




SOURCE: Digital Globe, 2012, Ldn Consulting, 2012; EDS, 2016

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**Figure 4-12**  
Noise Measurement Locations



SOURCE: EDR, 2012; Natural Investigations Co., 2012; EDS, 2016

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**Figure 4-13**  
Environmental Database Queries in Project Area